

FIG. 1

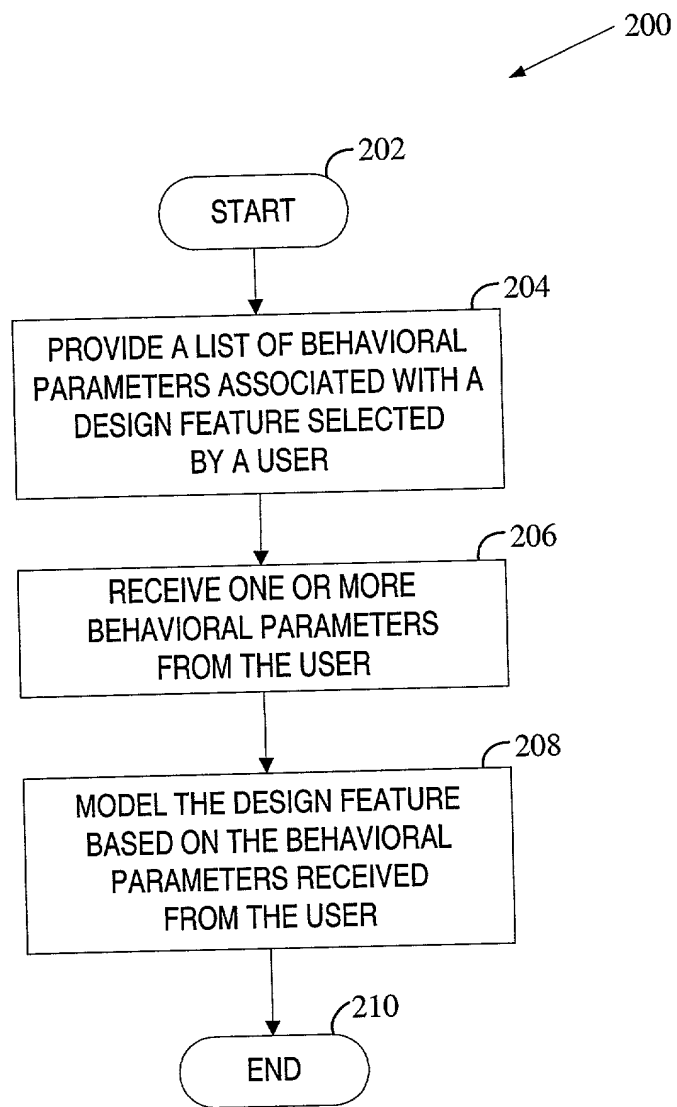
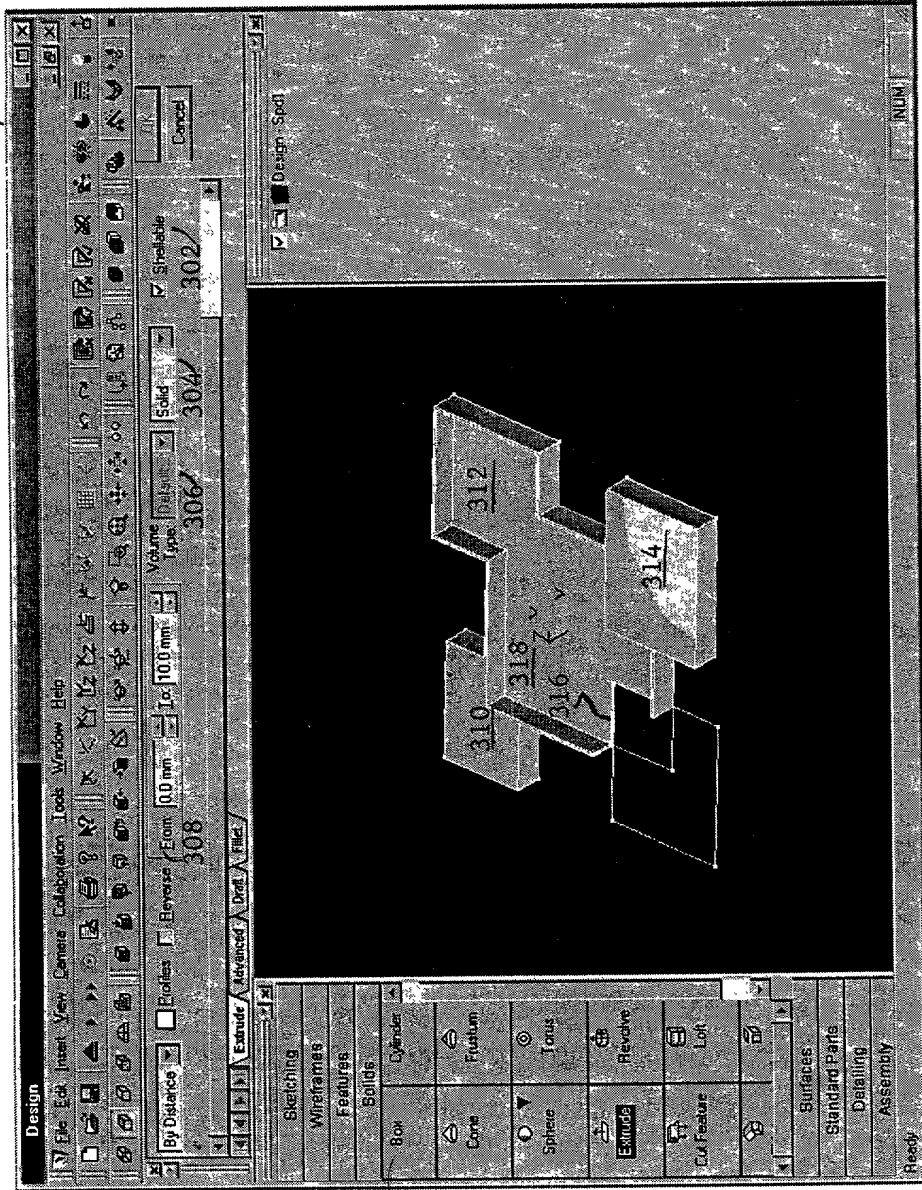


FIG. 2

300



320

FIG. 3

400

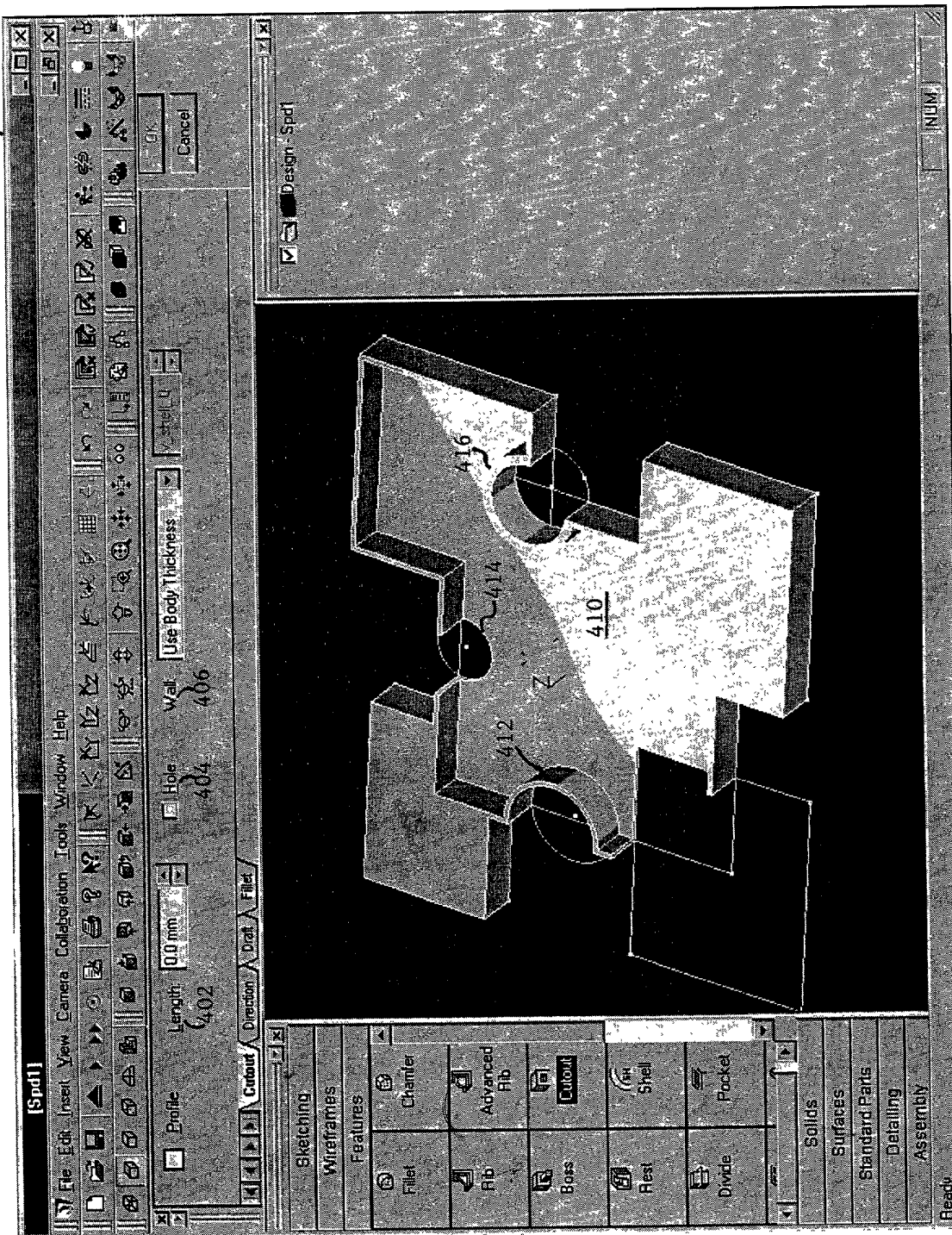


FIGURE 4

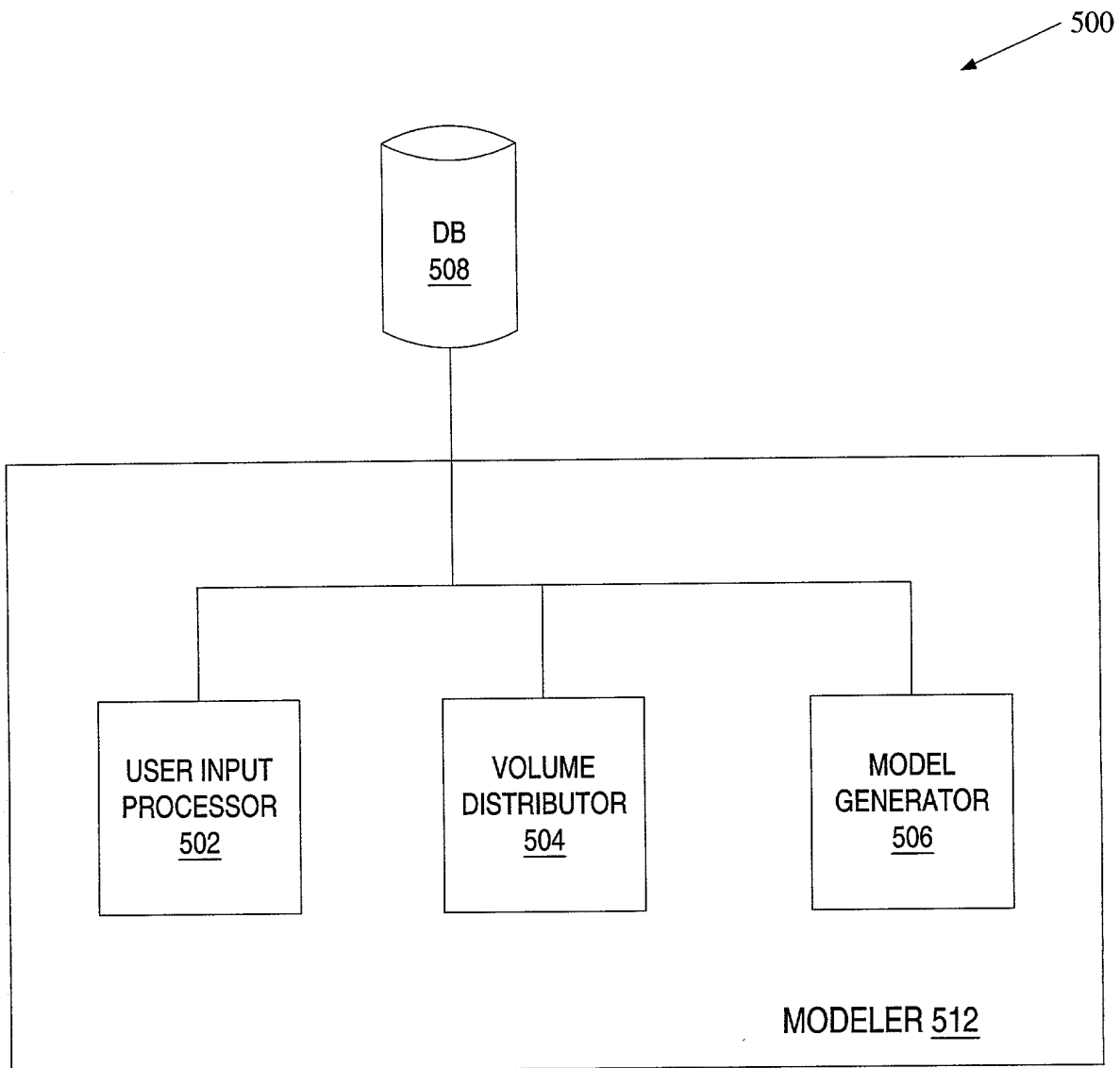


FIG. 5

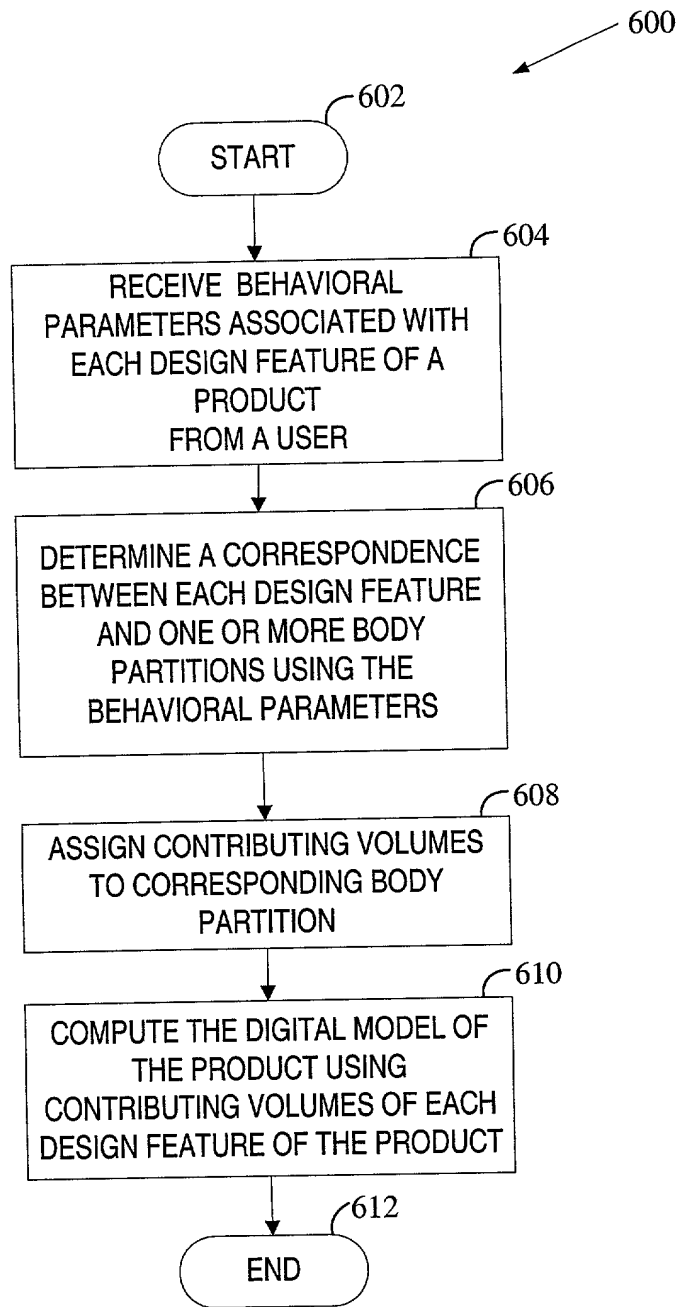


FIG. 6

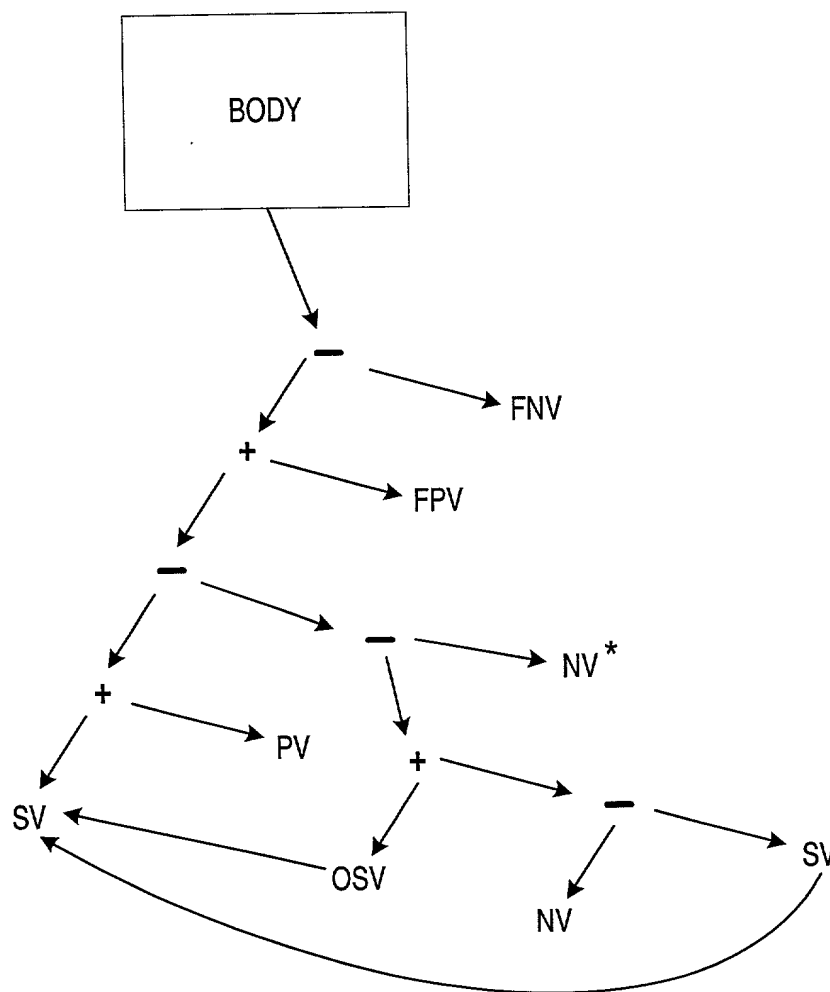


FIG. 7

SWEEP PRIMITIVES (SHELLABLE)

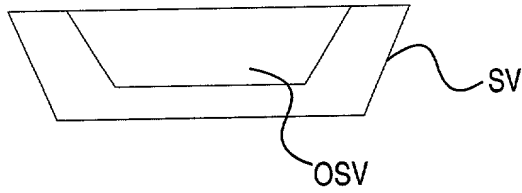


FIG. 8a

CUTOUT WITHOUT THICKNESS

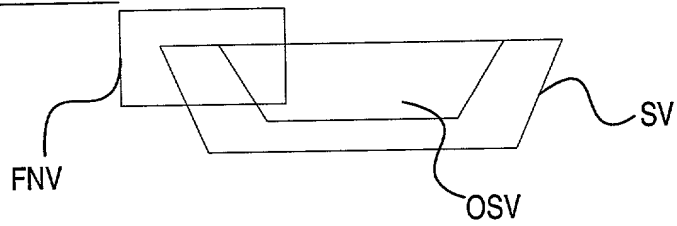


FIG. 8b

CUTOUT WITH THICKNESS

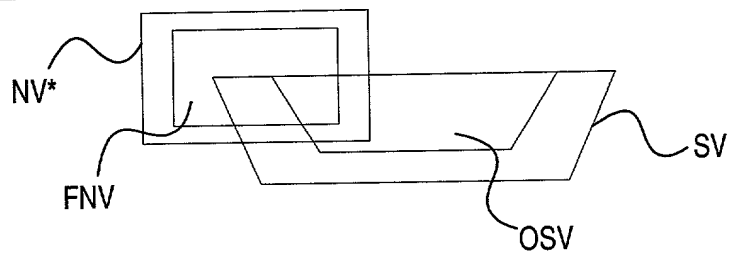


FIG. 8c

RIB

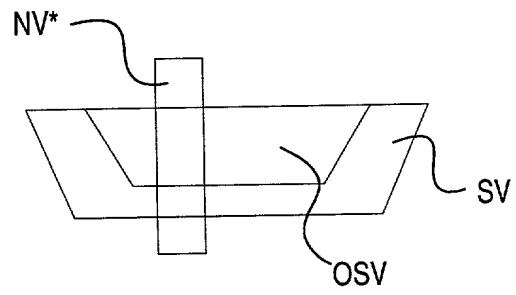


FIG. 8d

BOSS

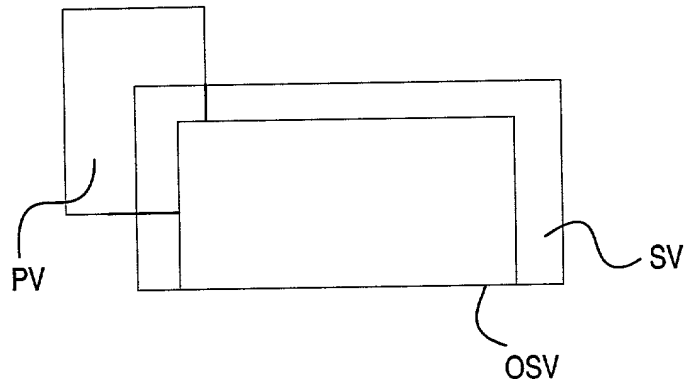


FIG. 8e

BOSS WITH THICKNESS

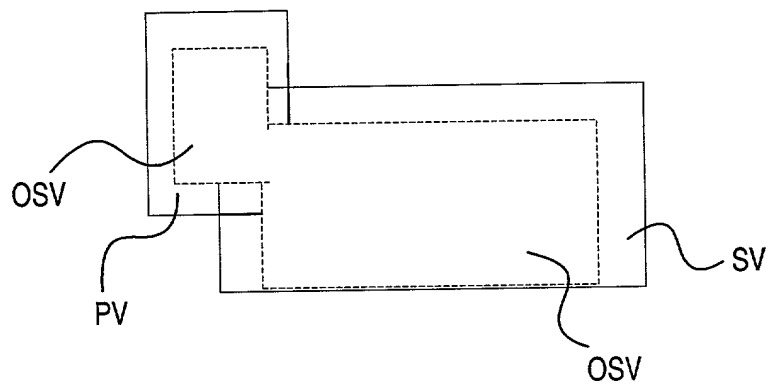


FIG. 8f

POCKET "PROTECTED" (i.e., NO VOLUME INSIDE IS ALLOWED)

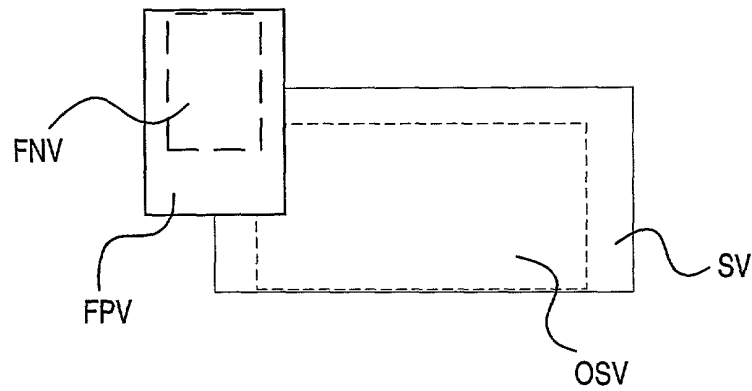


FIG. 8g

POCKET "NOT PROTECTED" (i.e., INSIDE VOLUMES ARE ALLOWED)

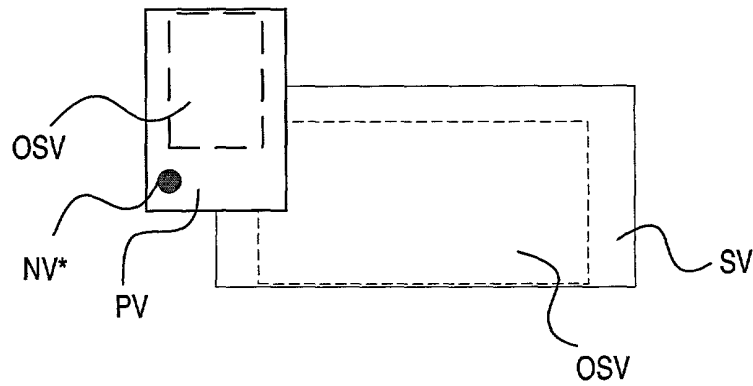


FIG. 8h

POCKET-KEEP SURFACE BOTTOM

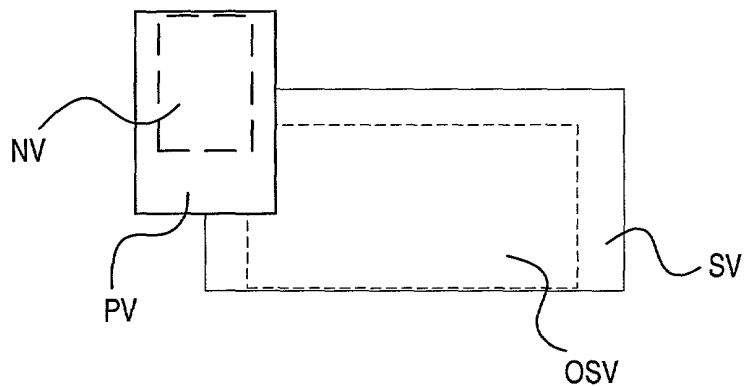


FIG. 8i

REST AREA

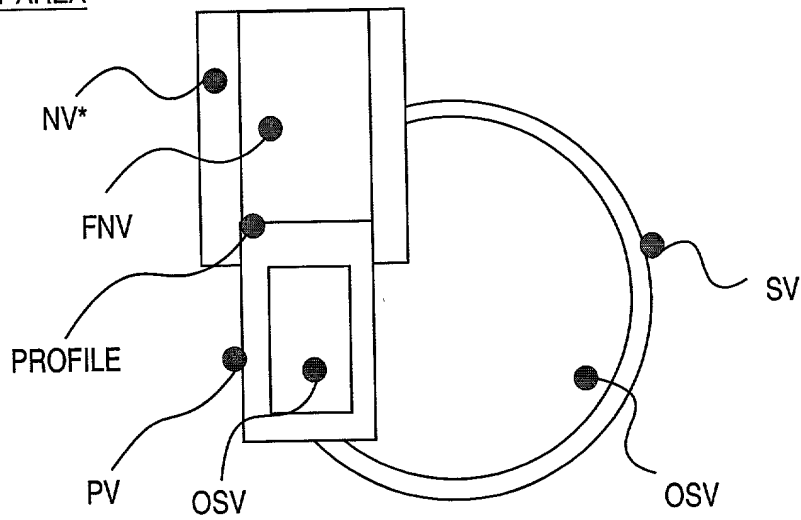


FIG. 8j

FITTING

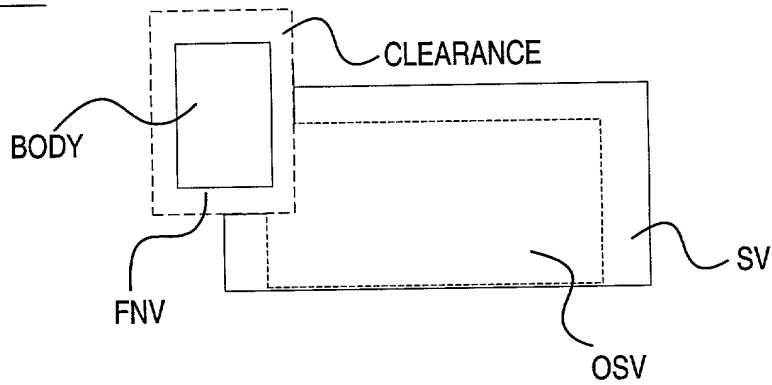


FIG. 8k

PUSH

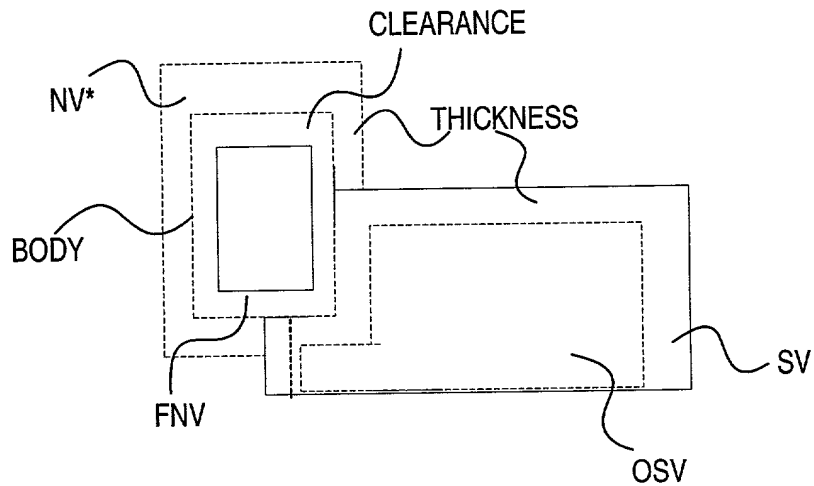


FIG. 8l

PULL

PV = OFFSET OF THE FITTING BODY

FNV = OFFSET WITH CLEARANCE OF
THE FITTING BODY

CLEARANCE

THICKNESS

OSV

SV

FIG. 8m

REINFORCEMENT

PV

OSV

SV

OSV

FIG. 8n

JOIN

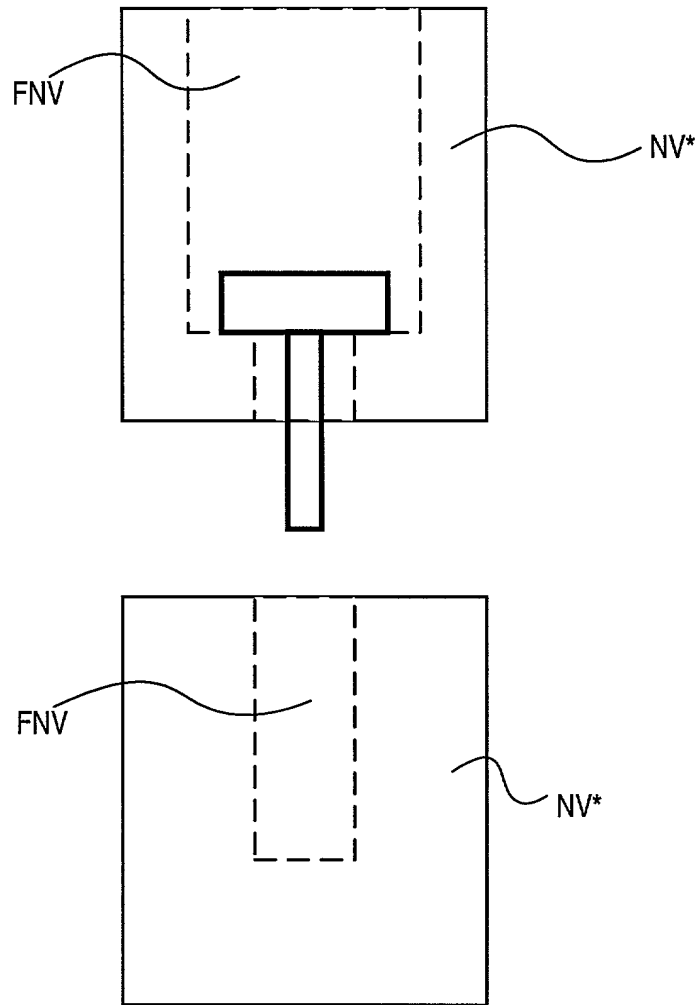


FIG. 80

1000

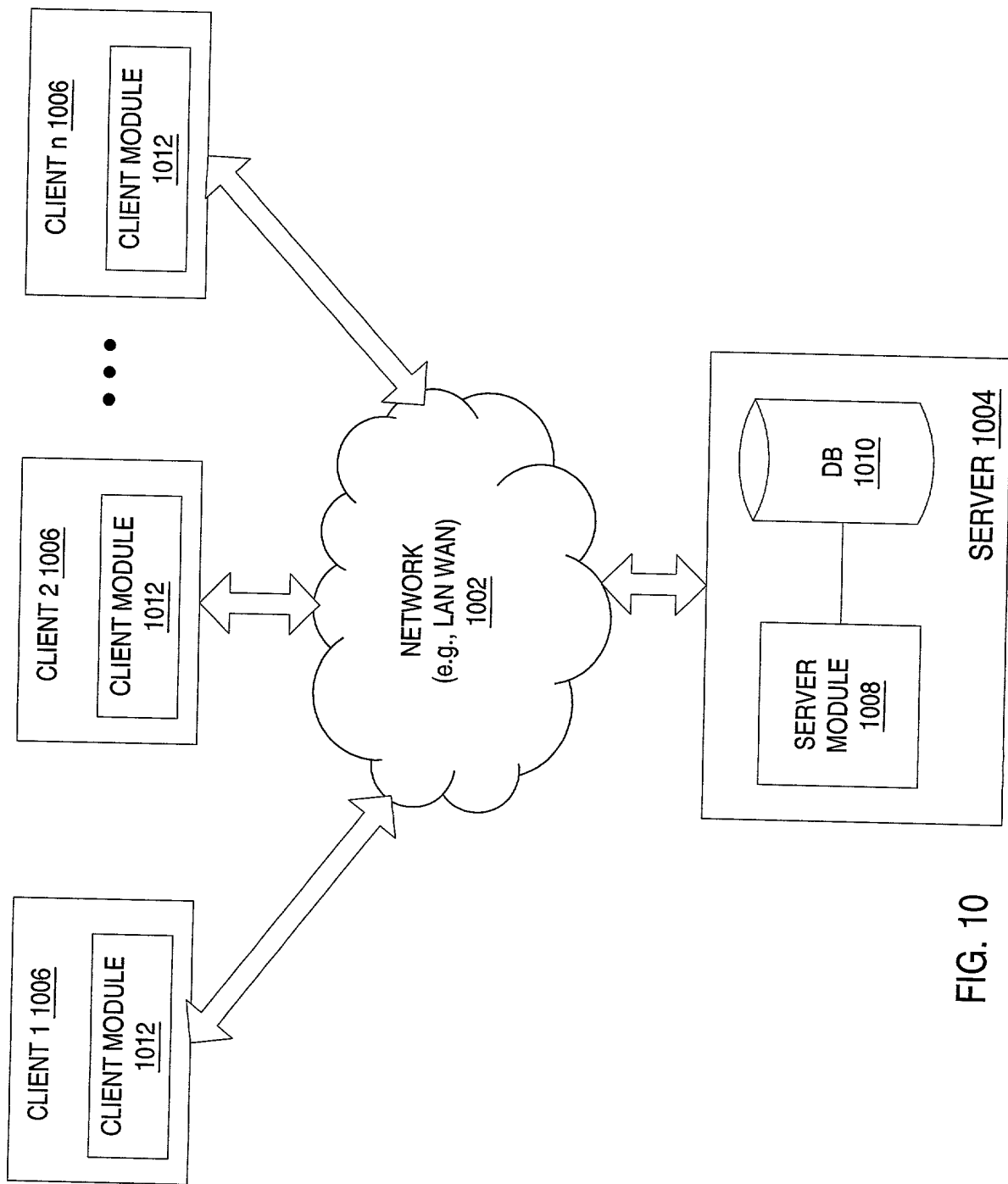


FIG. 10

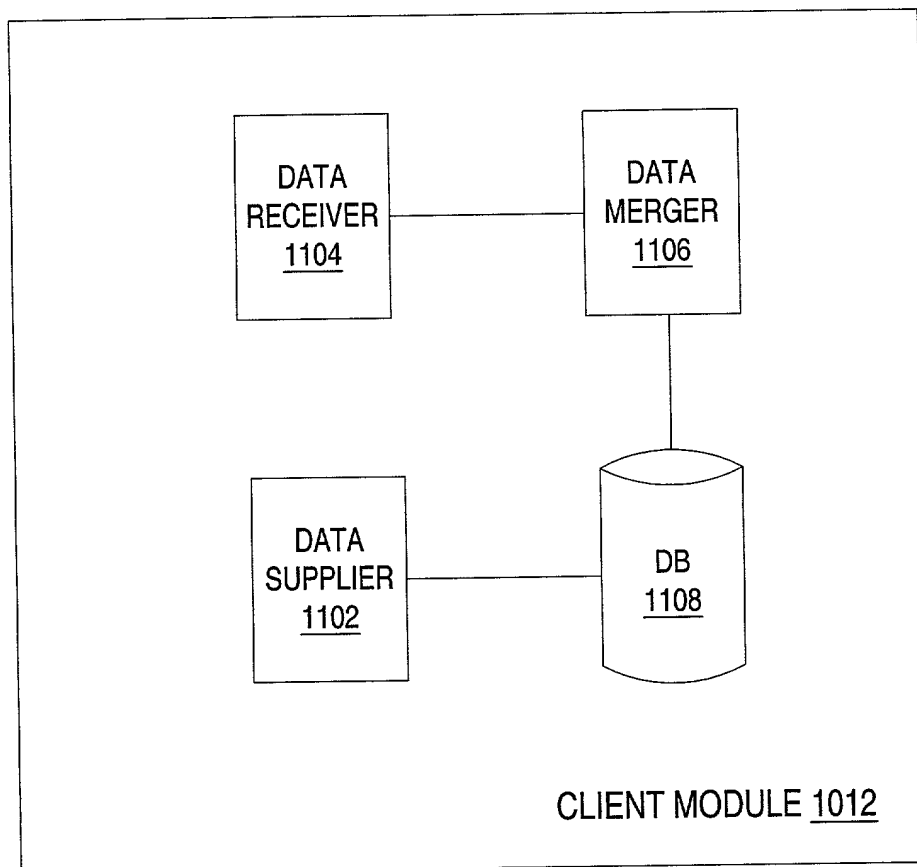


FIG. 11

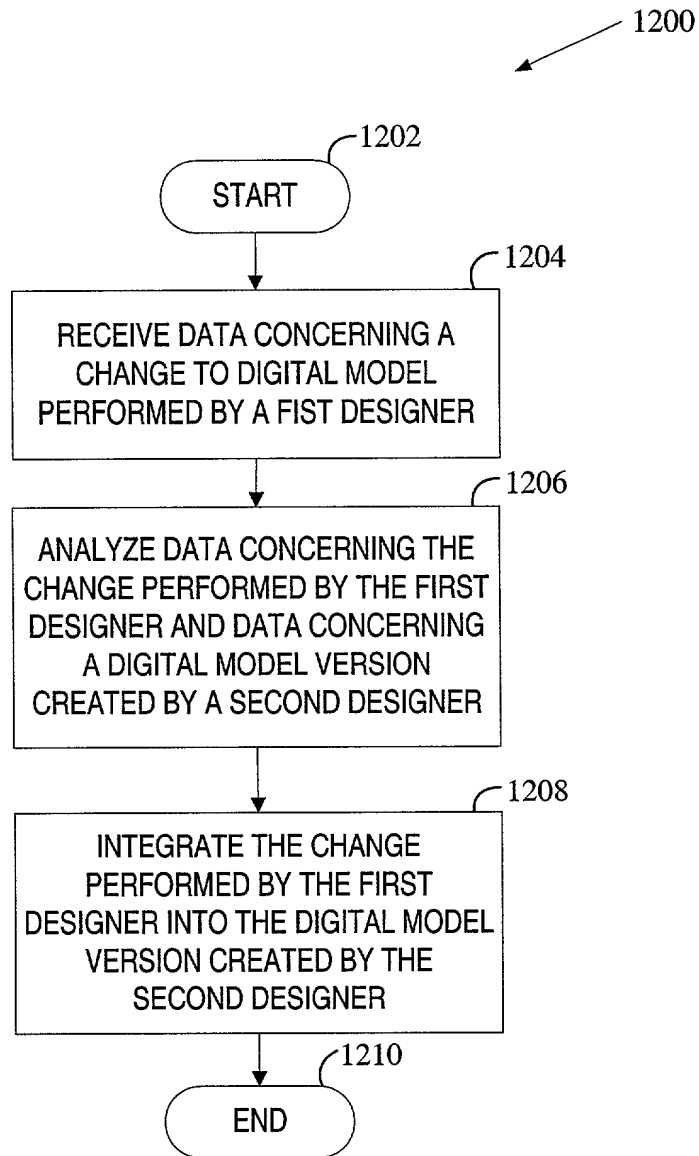


FIG. 12

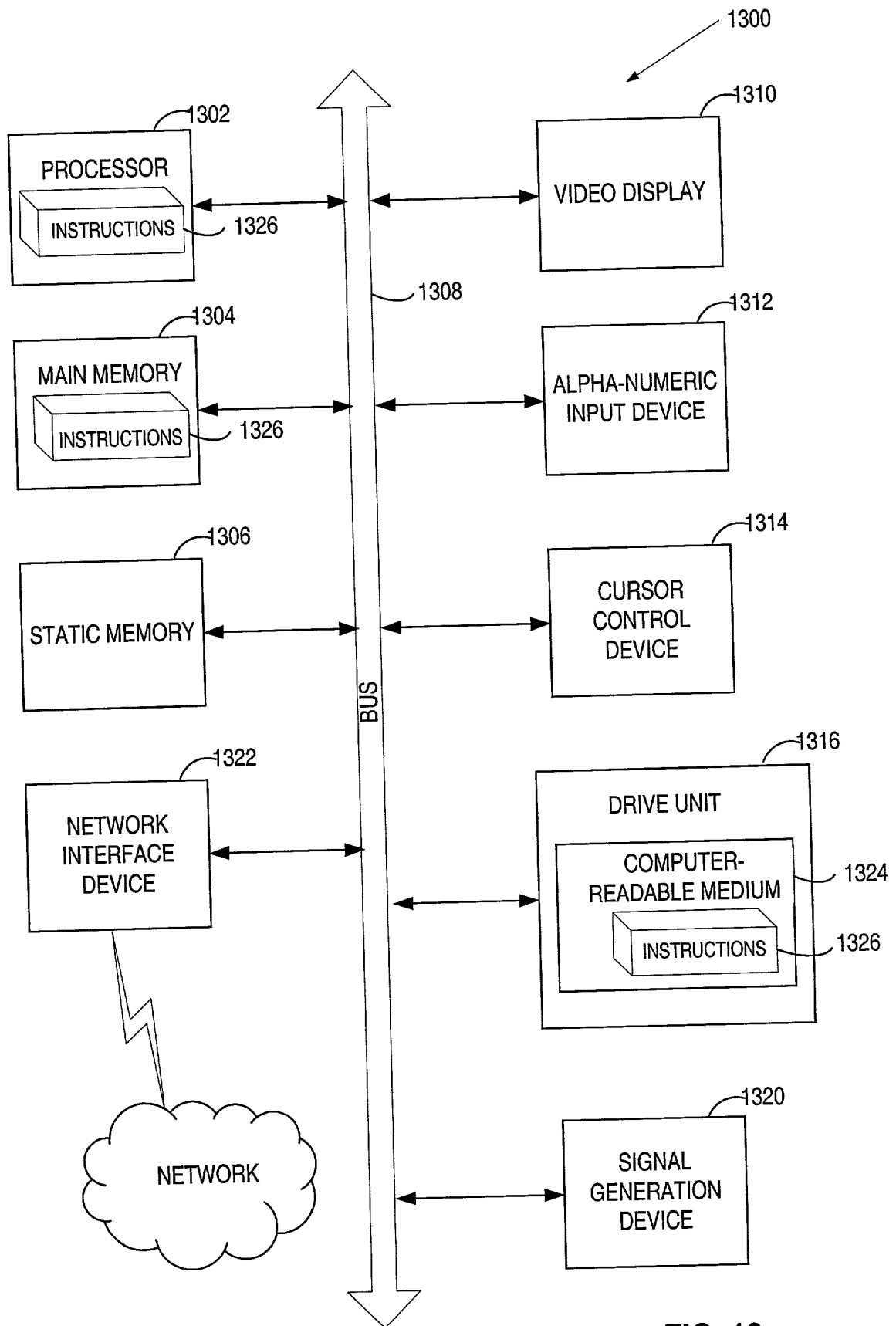


FIG. 13